

b) Amendments to the Claims

Kindly cancel claims 23, 24, 27-38, 40 and 41 without prejudice or disclaimer. Please add new claims 44-52 as follows. A detailed listing of all the claims that are or were in the application is hereafter provided.

Claims 1-43 (Cancelled)

44. (New) A structure comprising:

a first portion containing a polymer; and

a second portion formed on the first portion,

wherein the second portion has tubular pores, and the tubular pores are aligned uniaxially and extend alongside a boundary surface between the first portion and the second portion, and the polymer has two or more adjacent methylene groups and at least one imide bond in a repeating unit of the polymer.

45. (New) The structure according to claim 44, wherein the first portion is comprised of a Langmuir-Blodgett film of the polymer.

46. (New) The structure according to claim 44, wherein the second portion contains silicon.

47. (New) The structure according to claim 44, wherein the structure contains silica.

48. (New) The structure according to claim 44, wherein the number of adjacent methylene groups in the repeating unit of the polymer ranges from 2 to 20.

49. (New) The structure according to claim 44, wherein the sequence of adjacent methylene groups in the repeating unit of the polymer is contained in the main chain of the polymer.

50. (New) The structure according to claim 44, wherein the sequence of adjacent methylene groups in the repeating unit of the polymer is contained in the side chain of the polymer.

51. (New) The structure according to claim 44, wherein a surfactant is contained in the pore structure.

52. (New) The structure according to claim 44, wherein the pores are mesopores.